25X1

CLASSIFICATION ~~SECRET~~ [redacted]

25X1

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

REPORT NO. [redacted]

CD NO.

COUNTRY East Germany

SUBJECT SAG Transmasch 1953 Material Requirements

25X1 PLACE ACQUIRED [redacted]

DATE OF INFO.

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SUPPLEMENT TO REPORT NO.

25X1

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[redacted]

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THIS IS UNEVALUATED INFORMATION

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25X1

1. Attachment 1 gives statistics on the 1953 raw material requirements for the seven SAG Transmasch plants. All amounts are given in metric tons. The following are the seven plants:

   a. Unruh & Liebig, Leipzig

   b. Zemag, Zeitz (formerly SAG Amo)

   c. Bleichert Transportanlagenfabrik, Leipzig

   d. Henry Pels (formerly SAG Amo), Erfurt

   e. Leipziger Kugellagerfabrik "DKF" (formerly SAG Awtowelo)

   f. Chemische Maschinenbauwerke "Mako", Rudisleben

   g. Schumann & Co., Leipzig

2. Attachment 2 gives the cost of the new material allocated for 1953 according to plant. All amounts are in thousands of DME.

CLASSIFICATION [redacted]

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STATE	# x	NAVY	x	NSRB	
ARMY	# x	AIR	# x	FBI	

25X1 [redacted]
Annex 1

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25X1

[redacted]

Material (2)	Remainder from 1952 (3)	Requirements for 1953 Production (4)	Amounts Allocated to Plant in 1953 (5)	Source of Supply Import from USSR (6)	From Home Market (7)	From Foreign Import (8)	Remainder From 1953 (9)
Field railway rails	3.0	15.0	12.0	–	12.0	–	
Other rails	–	125.0	125.0	25.0	100.0	–	
"U" and "I" up to 18	600.0	3,150.0	2,550.0	800.0	1,750.0	–	
"U" and "I" over 18	300.0	2,350.0	2,050.0	800.0	1,050.0	200.0	
Fine bar steel up to 30 mm.	200.0	1,500.0	1,300.0	20.0	1,280.0	–	
Heavy bar steel over 30 mm.	1,200.0	14,451.0	13,251.0	5,000.0	8,051.0	200.0	
Band steel	8.0	61.0	53.0	–	53.0	–	
Miscellaneous rolled wire	5.0	35.0	30.0	–	30.0	–	
Light plate up to 2.95 mm.	120.0	3,642.0	3,522.0	1,000.0	2,522.0	–	
Medium plate up to 4.0 mm.	40.0	1,427.0	1,387.0	300.0	1,087.0	–	
Heavy plate and "Breitfl" (wide flanges ?)	550.0	13,112.0	12,562.0	3,000.0	9,562.0	–	
Bar steel from unalloyed machine construction steel	–	26.0	26.0	–	26.0	–	
Bar steel from alloyed machine construction steel	–	45.0	45.0	–	30.0	15.0	
Spring steel (Federstahl)	–	44.0	44.0	–	30.0	14.0	
Dynamo plate	–	5.0	5.0	–	5.0	–	
Deep-drawn plate	–	5.0	5.0	–	5.0	–	
Alloyed light plate (electro special plate)	–	25.0	25.0	–	25.0	–	
Seamless pipes, rolled	20.0	118.0	98.0	20.0	38.0	46.0	
Pipes with thin walls, unalloyed, drawn	–	40.0	40.0	10.0	–	30.0	
Welded pipes	6.0	73.0	67.0	17.0	40.0	10.0	
Miscellaneous cold-rolled band steel		22.0	22.0	–	[illegible]	[illegible]	
Spring band steel	–	8.0	8.0	–	[illegible]	[illegible]	
Miscellaneous bar steel from unalloyed tool steel	2.8	[illegible]	22.2		[illegible]	[illegible]	
Bar steel from alloyed tool steel	1.3	14.0	12.7		6.0	6.7	
High-speed steel tool	1.5	22.0	20.5	25X1	12.0	8.5	
Lathe steel, plate, drawn		120.0	120.0	–	100.0	20.0	

[redacted]

25X1 [redacted]

RAW MATERIAL REQUIREMENTS FOR 1953

25X1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
[redacted]	Other bar steel, cold drawn, unalloyed (key steel)	15.0	210.0	195.0	-	150.0	15	
	berstahl" (silver steel), plate, drawn	-	-	-	-	-	-	
	MB steel wire under 100 kg. strength	60.0	950.0	890.0	100.0	790.0	-	
	Stranded wire	45.0	520.0	475.0	100.0	300.0	75	
	Drawn plate (Dekap. Blech)	-	5.0	5.0	-	5.0	-	
	Valve cone steel	-	1.5	1.5	-	1.0	-	
	Zemag-Zeitz							
	Foundry pig iron	300	2,000	2,100	2,100	-	-	400
	Steel pig	50	400	450	450	-	-	100
	Spiegeleisen	-	100	100	-	100	-	-
	Other pig iron	-	20	20	-	20	-	-
	Normal rails and accessories	-	33	33	-	33	-	-
	Profiles, "T" and "U", NP 8 - 18	200	1,360	1,460	500	960	-	300
	Profiles, "T" and "U", NP 20 and over	300	1,226	1,226	400	826	-	300
	Light bar steel up to 30 mm.	50	197	197	-	197	-	50
	Heavy bar steel over 30 mm.	800	4,121	4,121	400	3,721	-	800
	Band steel, warm rolled	20	78	73	-	73	-	15
	Rolled wire for welding wire	-	-	-	-	-	-	-
	Other rolled wire	-	-	-	-	-	-	-
	Light plate, 0.9 - 2.95 mm.	30	145	145	-	145	-	30
	Heavy plate	500	6,302	6,402	2,000	4,402	-	600
	Medium plate, 3 - 4.75 mm.	75	401	426	-	426	-	100
	Light plate under 0.9 mm.	-	10	10	-	10	-	-
	Bar steel from unalloyed machine construction steel	-	30	40	-	[illegible]	-	10
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	-	[illegible]	-	-
								10

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25X1

REQUIREMENTS FOR 1953

25X1 [redacted]

Att. 1

Zemag-Zeitz (cont.)

(1) 25X1	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
[redacted]	Rolled wire with a high carbon content	10	10	5	-	5	-	5
[redacted]	Deep drawn plate	-	3	3	-	3	-	-
[redacted]	**"Automatenstahl" (lathe steel)**	30	30	30	-	30	-	30
[redacted]	Bar steel, cold drawn	13	3	10	-	10	-	10
[redacted]	Other cold-rolled band steel		50	55	-	55	-	5
[redacted]	Gas pipes	-	10	10	-	10	-	5
[redacted]	Pipes with thin walls	-	[illegible]	39	-	29	10	10
[redacted]	Ingot-steel pipes, seamless	-	1,100	1,100	-	1,100	-	-
[redacted]	Semifinished products for forges	200	1,270	1,320	-	1,320	-	250

Bleichert Transportanlagenfabrik

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
[redacted]	Normal rails	-	222.0	250.0	-	250.0	-	28.0
[redacted]	Field railway rails	-	57.0	60.0	-	60.0	-	3.0
[redacted]	Other rails	43.0	340.0	340.0	-	340.0	-	43.0
[redacted]	"I" and "U" 8 - 18	200.0	2,804.0	2,904.0	200.0	2,704.0	-	300.0
[redacted]	"I" and "U" over 18	60.0	6,769.0	7,409.0	2,300.0	5,109.0	-	700.0
[redacted]	Other profiles	-	25.0	25.0	-	25.0	-	-
[redacted]	Light bar steel	-	1,875.0	2,005.0	240.0	1,765.0	-	130.0
[redacted]	Heavy bar steel	-	16,760.0	18,460.0	1,000.0	17,460.0	-	1,700.0
[redacted]	Band steel	-	66.0	74.0	10.0	64.0	-	8.0
[redacted]	Light plate, 0.9 - 3.0 mm.	50.0	510.0	510.0	250.0	260.0	-	50.0
[redacted]	Heavy plate	-	26,353.0	28,853.0	5,000.0	23,853.0	-	2,500.0
[redacted]	Medium plate	-	2,585.0	2,845.0	300.0	2,545.0	-	260.0
[redacted]	Light plate under 0.9 mm.	-	14.0	16.0	-	16.0	-	2.0
[redacted]	Bar steel from unalloyed machine construction steel	-	69.0	78.0	-	78.0	-	9.0
[redacted]	Bar steel from alloyed machine construction steel	-	40.0	44.0	44.0	-	-	4.0
[redacted]	Deep-drawn plate	-	68.0	75.0	-	75.0	-	7.0
[redacted]	Bar steel from unalloyed tool steel	1.0	14.0	14.0	14.0	-	-	1.0
[redacted]	High-speed steel tool	-	5.0	6.0	6.0	-	-	1.0
[redacted]	Dynamo plate	-	157.0	167.0	-	167.0	-	10.0
[redacted]	**Lathe steel**	-	5.0	6.0	-	6.0	-	1.0

25X1 [redacted]

Bleichert Transportanlagenfabrik (cont.)

25X1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
[redacted]	Other bar steel, drawn	15.0	160.0	160.0	-	160.0	-	15.0
	Drawn band steel	-	60.0	64.0	-	64.0	-	4.0
	Gas pipes	15.0	89.0	84.0	20.0	64.0	-	10.0
	Precision pipes	2.0	141.0	144.0	74.0	-	70.0	5.0
	Boiler pipes	3.0	93.0	98.0	30.0	68.0	-	8.0
	Rolled wire	2.0	17.0	17.0	-	17.0	-	2.0

Henry-Pels-Werk

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Field railway rails	-	2	2	-	2	-	-
	Profiles up to NP 18	1	11	10	-	10	-	-
	Profiles, NP 20 and over	10	110	110	-	110	-	10
	Light bar steel up to 30 mm.	8	80	82	-	82	-	10
	Heavy bar steel over 30 mm.	300	2,100	2,000	500	1,500	-	200
	Miscellaneous rolled wire	-	8	4	-	4	-	2
	Light plate, 0.9 - 3.0 mm.	-	135	143	-	143	-	8
	Heavy plate and boiler plate	1,000	10,000	10,000	2,500	7,500	-	1,000
	Medium plate and boiler plate	-	16	18	-	18	-	2
	Light plate up to 0.9 mm.	-	0.5	0.5	-	0.5	-	-
	Drawn plate	-	0.6	0.6	-	0.6	-	-
	Bar steel from unalloyed machine construction steel	6	51	48	25X1	48	-	3
	Bar steel from alloyed machine construction steel	70	325	285	-	285	-	30
	Spring steel (Federstahl)	9	39	36	-	36	-	6
	Bar steel from unalloyed tool steel	-	28	30	-	30	-	2
	High-speed tool steel	-	20	20	15	5	-	-
	Noncorrosive bar steel	-	3.3	3.5	-	-	3.5	0.2
	Dynamo plate	1	1.5	0.5	-	0.5	-	-
	Bright bar steel	10	160	165	55	80	30	15
	Band steel, cold rolled	-	2	2.5	-	2.5	-	0.5
	Welded gas pipes	3	36	36	6	30	-	3
	Seamless pipes	2	38	39	20	10	9	3
	Pipes with thin walls	-	0.5	0.5	-		0.5	

SECRET [redacted] 25X1

RAW MATERIAL REQUIREMENTS FOR 1953

Att. 1 25X1 [redacted]

Leipziger Kugellagerfabrik "DKF"

25X1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
[redacted]	"U" and "I" profiles, NP 8 - 18	-	5	5	-	5	-	-
	"U" and "I" profiles over NP 18	-	5	5	-	5	-	-
	Bar steel up to 30 mm. in diameter	-	20	20	-	20	-	-
	Bar steel over 30 mm. in diameter	-	30	30	-	30	-	-
	Ball-bearing steel	500	1,800	1,800	800	1,000	-	500
	Bar steel from alloyed machine construction steel	-	10	10	-	10	-	-
	Bar steel from alloyed steel tool	-	20	20	-	20	-	-
	High-speed tool steel	-	1	1	-	1	-	-
	Light plate, 0.9 - 2.9 mm.	-	25	25	-	25	-	-
	Light plate under 0.9 mm.	-	3	3	-	3	-	-
	Heavy plate, 5 mm. and over	-	80	80	-	80	-	-
	Heavy plate, 3 - 5 mm.	-	5	5	-	5	-	-
	Plate from machine tool steel	-	1	1	-	1	-	-
	Drawn and deep-drawn plate V/VII	20	200	180	-	180	-	-
	Tin plate (Weissblech)	-	0.5	0.5	-	0.5	-	-
	Lathe steel, drawn	-	2	2	-	2	-	-
	"Silberstahl" (silver steel)	-	0.5	0.5	-	0.5	-	-
	Various cold-rolled band steel	0.1	1	0.9	-	0.9	-	-
	Spring band steel	-	0.5	0.5	-	0.5	-	-
	Welded gas and water pipes	-	5	5	-	5	-	-
	Various seamless pipes	-	5	5	-	5	-	-
	Ball-bearing pipes	-	1,800	1,800	800	1,000	-	-
	Tungsten wire	-	0.08	0.08	-	0.08	-	-
	Gray iron castings	-	50	50	-	50	-	-
	"INA" pipes	-	5	5	-	5	-	-
	Malleable cast ibon (Temperguss)	-	5	5	-	5	-	-
	Fittings	-	0.5	0.5	-	0.5	-	-
	Steel mould castings	-	12	12	-	12	-	-
	Forged and stamped pieces	700	7,320	7,320	-	7,320	-	700
	Flanges	-	0.1	0.1	-	0.1	-	-
	Welding wire	0.2	2	2	-	2	-	-
	Steel wire as "K-Stahl" (Kugellagerstahl)(Ball-bearing steel) (?)	-	140	140	140	-	-	-

Att. 1

25X1 [redacted]

RAW MATERIAL REQUIREMENTS FOR 19[illegible]

Leipziger Kugellagerfabrik "DKF" (cont.)

25X1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
[redacted]	Electrolytic lead	-	0.5	0.5	-	0.5	-	-
	Zinc	-	0.2	0.2	-	0.2	-	-
	Refined tin	-	0.7	0.7	-	0.7	-	-
	Aluminium alloys		2	2	-	2	-	-
	Brass in ingots	-	400	400	-	400	-	-
	"GBz" bronze	-	40	40	-	40	-	-
	Red brass	1	30	29	-	29	-	-
	Bearing metal	-	0.5	0.5	-	0.5	-	-
	Soldering tin	-	0.1	0.1	-	0.1	-	-
	Copper pipes	-	0.2	0.2	-	0.2	-	-
	Copper rods	-	0.2	0.2	-	0.2	-	-
	Brass rods	8	150	150	-	150	-	8
	Brass pipes	12	240	240	-	240	-	12
	Brass wire	2	7	5	-	5	-	-
	Lead pipes	-	2	2	-	2	-	-
	Zinc plate	-	1	1	-	1	-	-
	Nonferrous metal mould castings	-	20	20	-	20	-	-

MAKO, Rudisleben

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	"I" and "U" profiles, 8 - 18	40	360	340	-	340	-	20
	"I" and "U" profiles over 18	20	40	40	-	40	-	20
	Light bar steel	25	340	320	-	320	-	5
	Heavy bar steel	180	510	420	-	420	-	90
	Heavy plate and boiler plate	320	2,000	1,800	-	1,800	-	120
	Light plate	-	3,270	3,270	3,000	270	-	-
	"Niro"* and alloyed plate	5	82	82	30	-	52	5
	"Niro" and alloyed pipes	-	30	30	-	-	30	-
	Seamless steel pipes, drawn	180	1,800	1,750	1,200	200	350	130

***Note: Probably Nicrostend = non-corroding.**

Att. 1

Schumann & Co.

25X1 [redacted]

25X1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
[redacted]	"U" and "I", NP 8 - 18		50	60	-	-	-	10
[redacted]	"U" and "I", NP 20 and over	-	25	30	-	-	-	5
[redacted]	Bar steel up to 30 mm.	30	150	120	-	-	-	30
[redacted]	Bar steel up to 60 mm.	-	250	250	-	-	-	50
[redacted]	Bar steel over 60 mm.	20	250	230	-	-	-	50
[redacted]	Bar steel from unalloyed machine construction steel	40	175	135	-	-	-	35
[redacted]	Bar steel from alloyed machine construction steel	-	50	50	-	-	-	12
[redacted]	Bar steel from alloyed tool steel	1	2	1	-	-	-	-
[redacted]	High-speed steel tool	1.5	3	1.5	-	-	-	-
[redacted]	Noncorrosive bar steel	22	27.5	5.5	-	-	-	5.5
[redacted]	Various rolled wire	-	12.5	12.5	-	-	-	2.5
[redacted]	Spring steel (Federstahl)	-	6	6	-	-	-	1.
[redacted]	Soft iron	-	4	4	-	-	-	1
[redacted]	Heavy plate, 5 mm. and over	-	625	625	-	-	-	125
[redacted]	Heavy plate (boiler plate)	-	65	65	-	-	-	13
[redacted]	Noncorrosive heavy plate	-	4	4	-	-	-	1
[redacted]	Medium plate, 3 - 5 mm.	-	31	31	-	-	-	6
[redacted]	Deep-drawn plate, groups 7 and 8	-	6	6	-	-	-	1
[redacted]	Light plate up to 3 mm.	-	125	125	-	-	-	25
[redacted]	Light plate, under 0.9 mm.	-	12.5	12.5	-	-	-	2.5
[redacted]	Seamless pipes, rolled	6	7.5	1.5	-	-	-	1.5
[redacted]	Pipes with thin walls	-	37	37	-	-	-	7
[redacted]	Welded pipes	-	15	15	-	-	-	3
[redacted]	Other band steel, cold rolled	-	6	6	-	-	-	1
[redacted]	Automatic steel, bright	-	88	88	-	-	-	18
[redacted]	Other Bar steel, bright	100	500	400	-	-	-	100
[redacted]	Bar steel, cold rolled, alloyed	-	15	15	-	-	-	3
[redacted]	Steel wire, drawn, under 100 kg. strength	-	15	15	-	-	-	3

25X1 25X1

Plant	Import from USSR	Cost of Material in Thousands of DME Home Market	From Foreign Import	Total
Unruh & Liebig	2,462.3	6,698.6	420.6	9,581.5
Zemag, Zeitz	546.0	2,435.0	-	-
Bleichert Transportanlagenfabrik	2,430.0	12,500.0	70.0	15,000.0
Henry Pels	673.0	2,440.0	19.0	3,132.0
Leipziger Kugellagerfabrik "DKF"	600.0	8,659.0	0.0	9,259.0
Mako, Rudisleben	1,265.0	640.6	305.0	2,210.6
Schumann & Co.	26.15	522.82	0.0	548.97